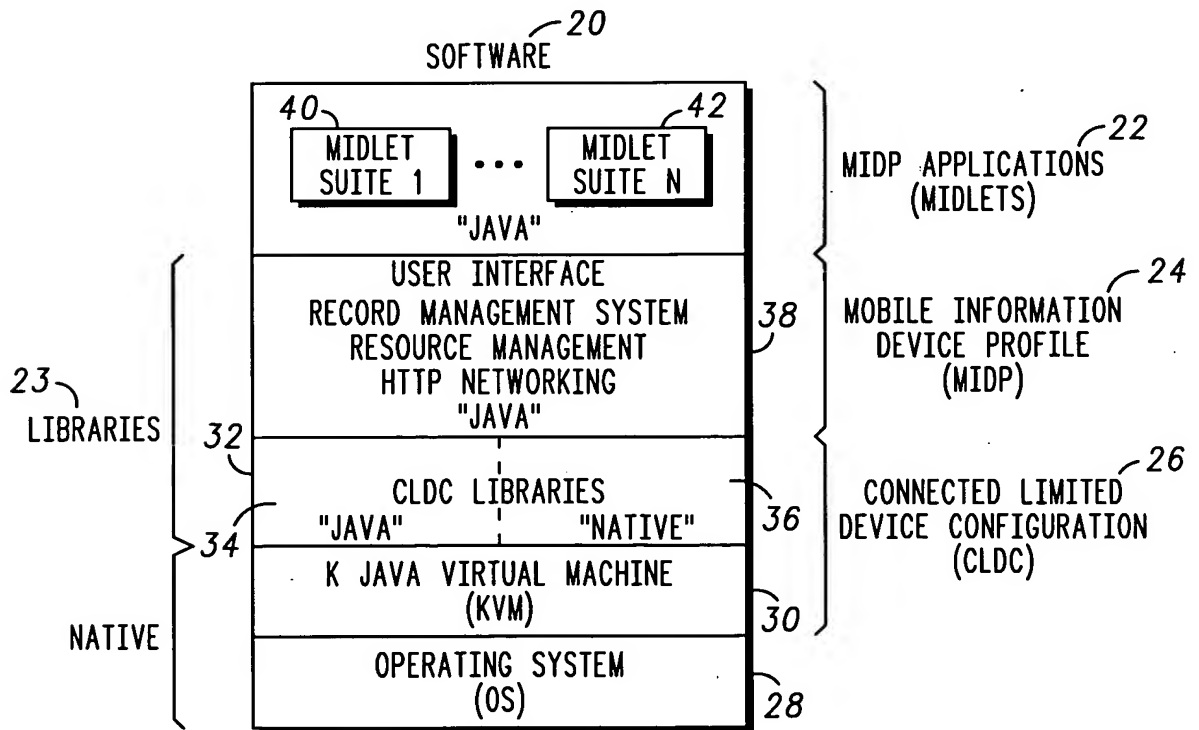


**FIG. 1**



**FIG. 2**

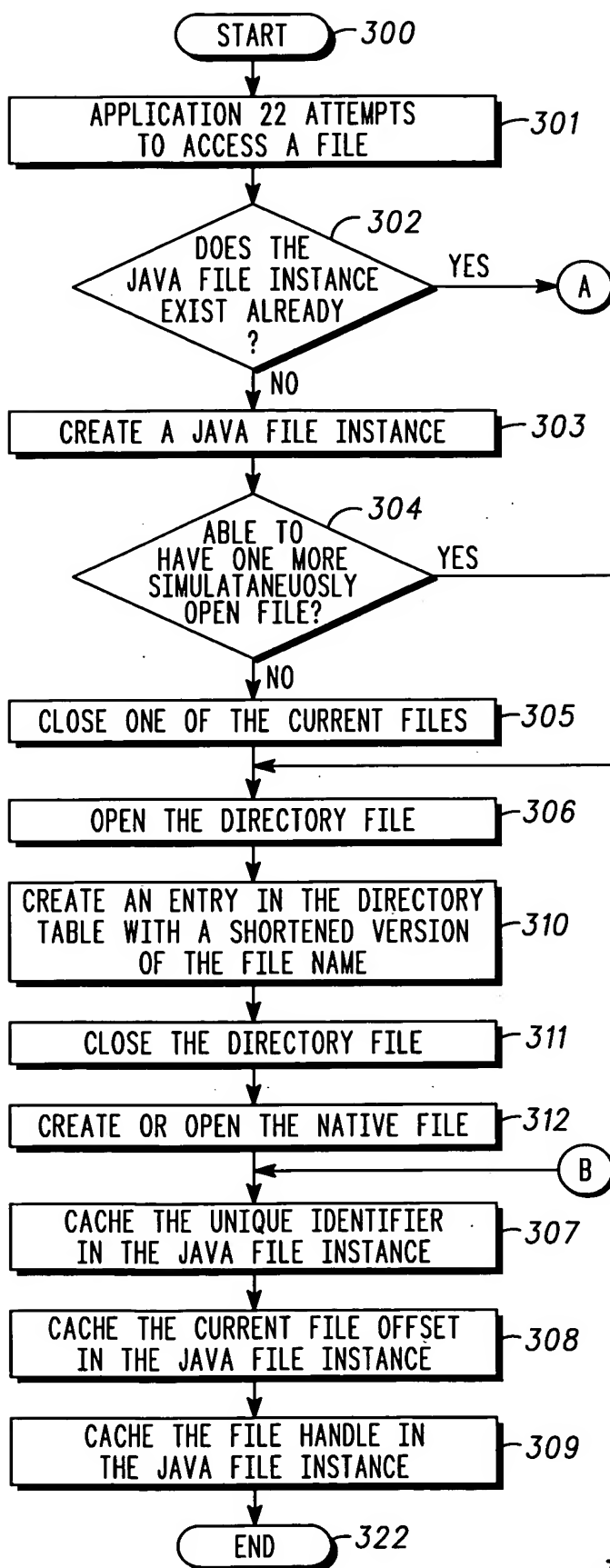


FIG. 3A

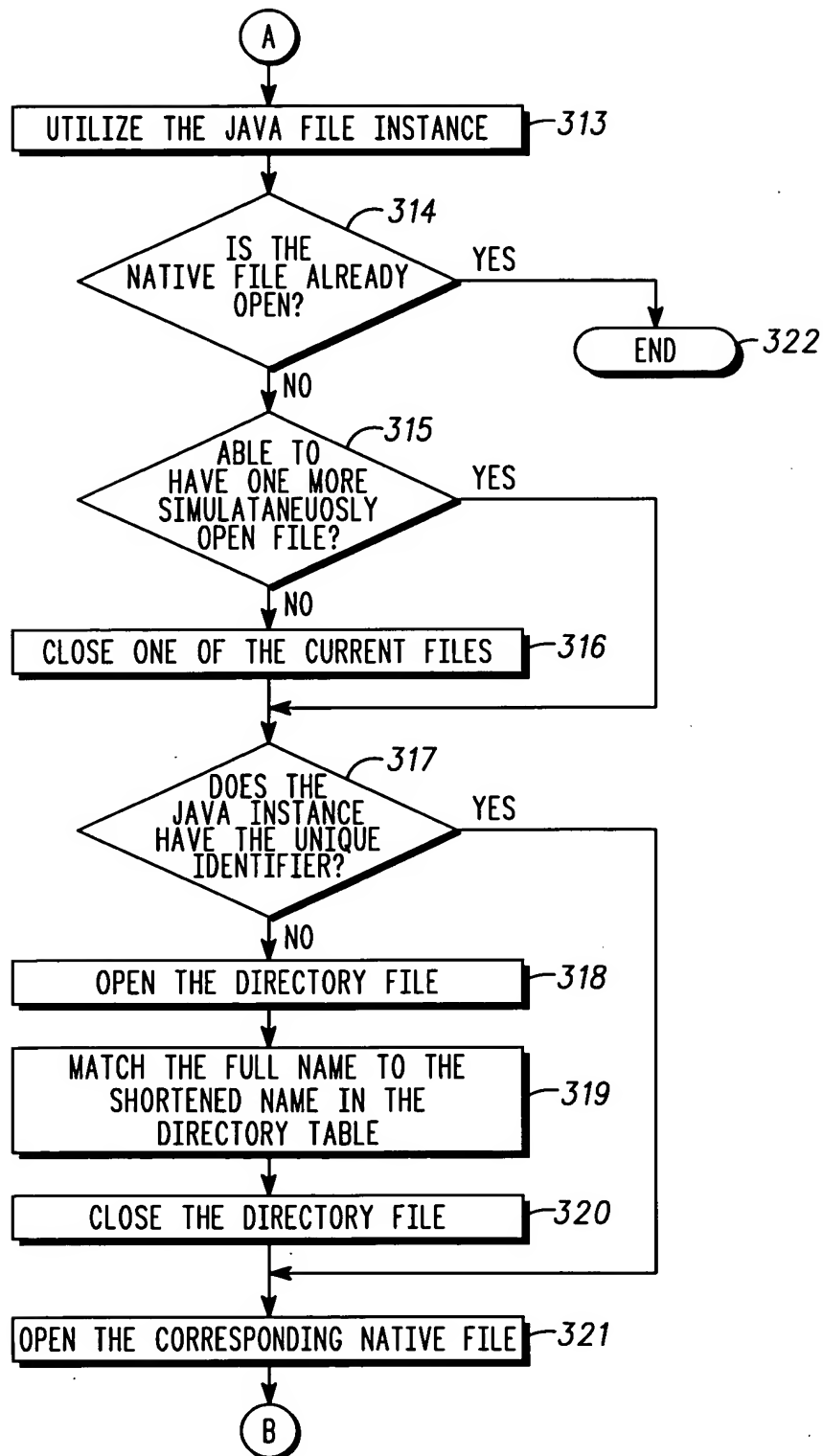


FIG. 3B

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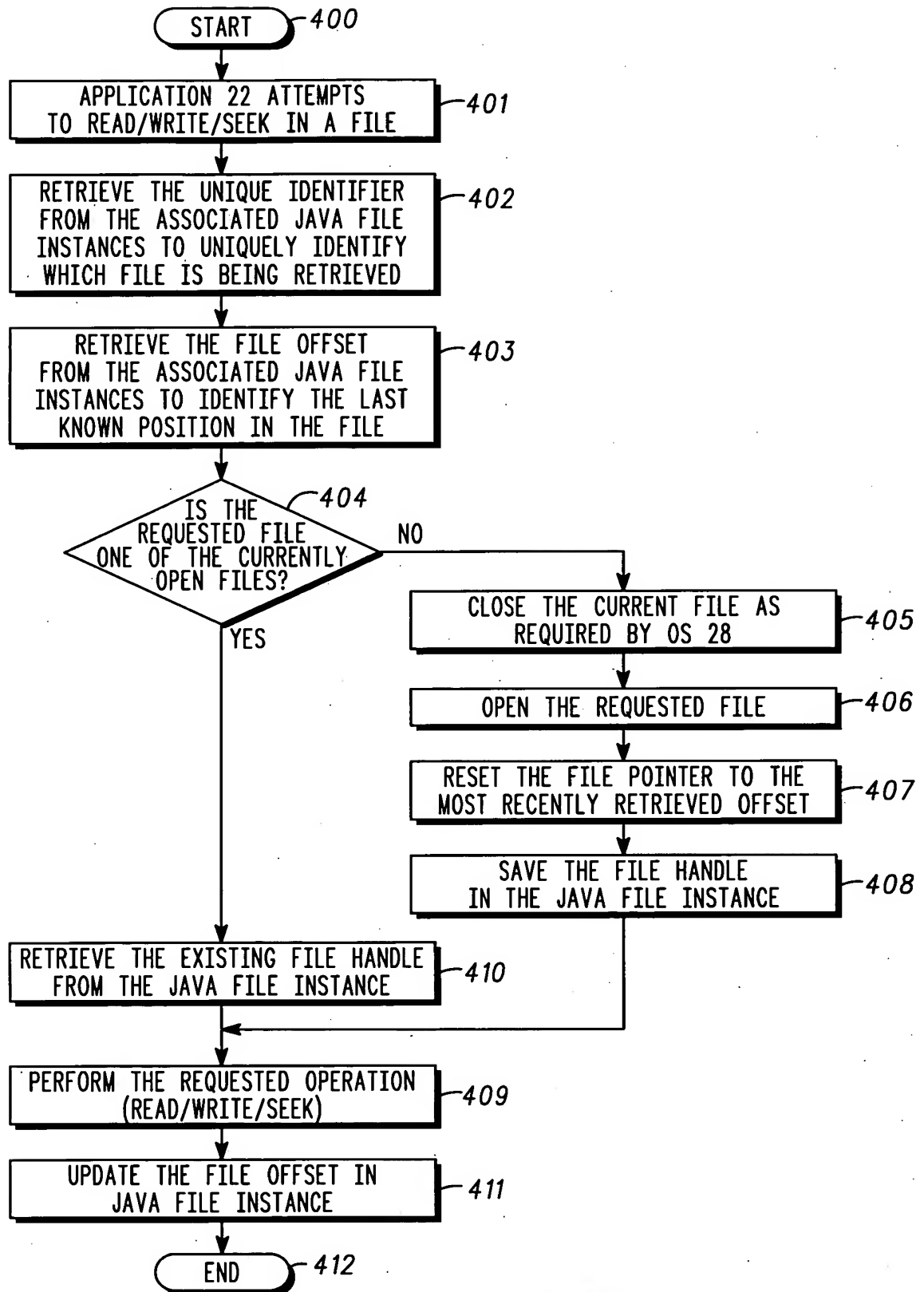


FIG. 4

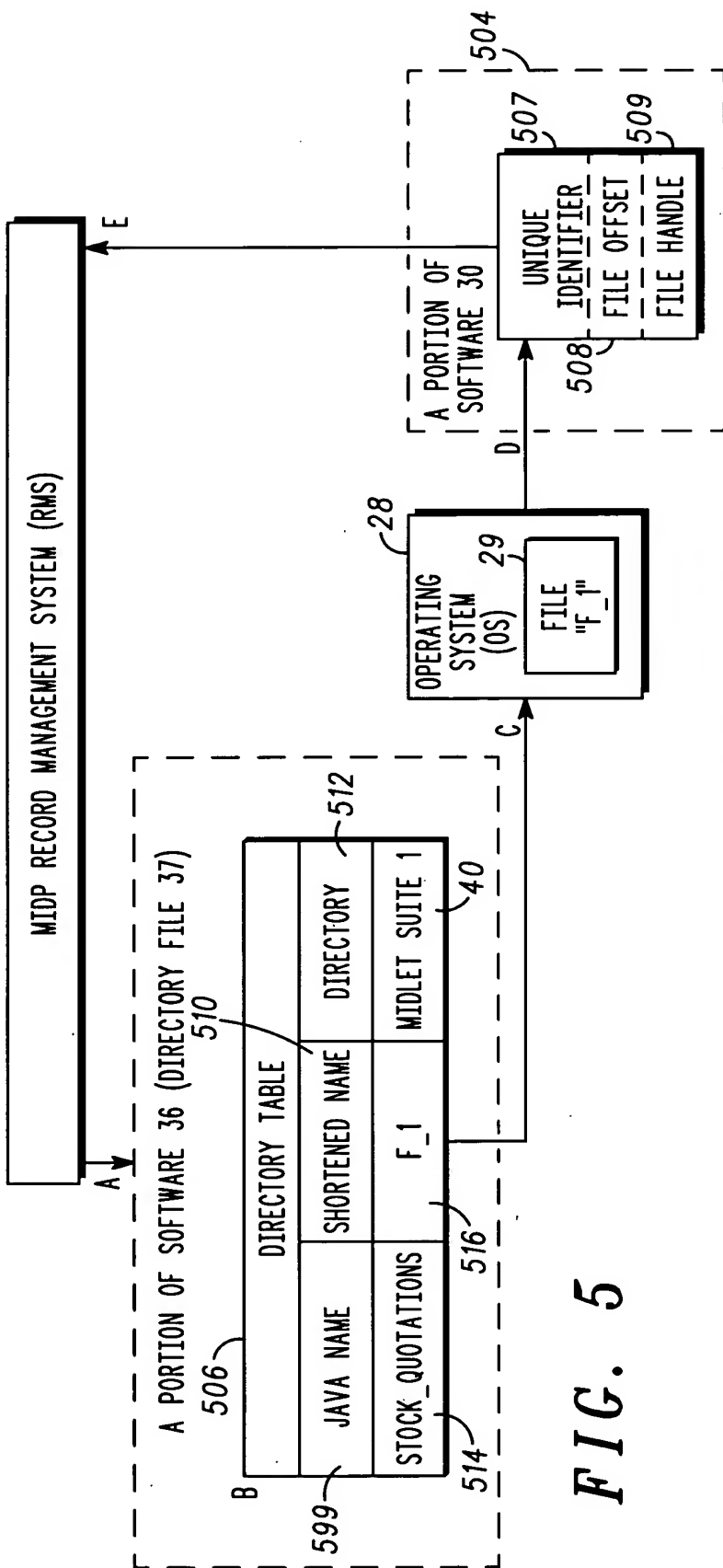


FIG. 5

FIG.3 STEPS	FIG.5	ACTIVITY
301	A	JAVA RMS ATTEMPTS TO ACCESS A FILE
318-320	B	A LOOKUP OPERATION IS PERFORMED TO RETRIEVED THE SHORTENED VERSION OF THE FILENAME
321	C	A NATIVE CALL IS MADE TO THE OS 28 TO OPEN FILE F_1
307-309	D	SOFTWARE 36 UPDATES A JAVA FILE INSTANCE WHICH CONTAINS THE FILE HANDLE, OFFSET, AND UNIQUE IDENTIFIER
322	E	THE JAVA FILE INSTANCE IS PASSED BACK TO THE RMS

FIG. 6